

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.  
48-R-0003

CUSTOMER NO.  
1480

FORM APPROVED  
OMB NO. 0579-0036

# ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF KS MED CTR  
3901 RAINBOW BLVD  
(b)(2)High, (b)(7)f  
KANSAS CITY, KS 66160  
(913) 588-7015

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

## FACILITY LOCATIONS/sites

See Attached Listing

## REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

| A. Animals Covered By The Animal Welfare Regulations | B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. | C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs. | D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used. | E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report) | F. TOTAL NO. OF ANIMALS (Cols. C + D + E) |
|--|---|---|---|--|---|
| 4. Dogs  | 0   | 0   | 0   | 0  | 0   |
| 5. Cats  | 0   | 0   | 0   | 0  | 0   |
| 6. Guinea Pigs                                       | 0   | 0   | 12  | 0  | 12  |
| 7. Hamsters  | 0   | 0   | 100   | 0  | 100                                       |
| 8. Rabbits   | 0   | 44  | 76  | 0  | 120                                       |
| 9. Non-Human Primates                                | 28  | 0   | 194   | 0  | 194                                       |
| 10. Sheep  | 0   | 0   | 0   | 0  | 0   |
| 11. Pigs   | 0   | 0   | 45  | 0  | 45  |
| 12. Other Farm Animals                               |   |   |   |  |   |
| GOATS  | 0   | 0   | 16  | 2  | 18  |
| 13. Other Animals                                    |   |   |   |  |   |
|  |   |   |   |  |   |
|  |   |   |   |  |   |
|  |   |   |   |  |   |

## ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

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## CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

|                    |      |  |             |
|--------------------|------|--|-------------|
| S(b)(6), (b)(7)(C) | CIAL | NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) | DATE SIGNED |
|                    |      | (b)(6), (b)(7)(C)  | 11/16/06    |

### Column E Explanation

This form is intended as an aid to completing the column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A column E explanation must be written so as to be understood by a lay person as well as scientists.

1. Registration number: 48-R-0003
2. Number 18 <sup>2</sup> of animals assigned to this study.
3. Species (common name) goat of animals used in the study.
4. Explain the procedure producing pain and/or distress.

Eighteen goats were assigned to this study of viral pathogenesis. The experiment was designed to study the pathogenesis of lentiviral infection using goat viruses carrying specific genes from HIV. Among the 18 animals were two newborns that were inoculated intra-tracheally 1-2 days after birth. The two neonates were however found moribund and dead the next morning after inoculation after looking quite healthy on the day of inoculation. Post mortem examinations were done on both animals and there were no major lesions. It is unclear if the deaths were due to the inoculation or poor mothering after handling the newborns. None of the other inoculated goats showed any adverse effects and are clinically normal at this writing.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means it used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see item 6 below).

We were not expecting any pain or distress or death as a result of this procedure. Unsuccessful attempts were made to revive the moribund animal. Since the post mortem examinations were negative, it is simply not clear whether the deaths were related to the research or poor mothering. We are opting to list this as column E as a conservative effort to be accurate in reporting.

6. What, if any, federal regulations require this procedure? Site the agency, the Code of Federal Regulations parentheses CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102).

Agency: not applicable      CFR: Not applicable.

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